

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D206-802-3 Rev. A AND
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D407-802 REV. 0
REF CANADIAN STC: SH10-44
REF FAA STC: SR02933NY
REF EASA STC: 10033253

1.0 PURPOSE:

It has come to Dart's attention that a portion of the airframe on recent Bell 206L4 aircraft is made of composite. In such cases, installing the D4112-1 (ref. D206-802-032 Kit) per IIN-D206-802-3 might not be possible. To that effect, Dart has created DSI-9579-011 Upgrade Kit to facilitate installation of D206-802-032 Kits at Change 001. The parts list of D206-802-032 Kits at Change 002 and later is amended as follows:

2.0 PARTS LIST CHANGE:

5.2 D206-802-031/-032 Passenger Door Opener Kits (IIN-D206-802-3 Rev. A)

52.4.9 D206-802-031/-032 Passenger Door Opener Kits (ICA-D407-802 Rev. 0)

Qty -031	Qty -032	Part Number	Description
		D206-802-031	PASSENGER DOOR OPENER KIT, LH
		D206-802-032	PASSENGER DOOR OPENER KIT, RH

ADD:

	1	D4108-11	TEMPLATE
	1	D4108-047	SILL DOUBLER ASSEMBLY
	4	CR3523-4-4	RIVET

3.0 DSI-9579-011 UPGRADE KIT PARTS LIST:






Qty -011	Part Number	Description
	DSI-9579-011	UPGRADE KIT
1	D4108-11	TEMPLATE
1	D4108-047	SILL DOUBLER ASSEMBLY
4	CR3523-4-4	RIVET

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 11.10.21
CERT. NO.: SH10-44
ISSUE NO.: 1

A	NEW ISSUE	MB	11.10.14
REV.		BY	DATE
DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9579	SHEET 1 OF 3
APPROVED		TITLE	SCALE
DE APPR.		UPGRADE KIT	NTS
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4.0 INSTALLATION CHANGE:

4.1 On metal airframe:

No change. Install D206-802-032 using D4112-1 per Section 3.3 of IIN-D206-802-3.

4.2 On composite airframe:

Install D206-802-032 by replacing D4112-1 Aft Sill Doubler with D4108-047 per instructions below and Figure 1 of this Service Instruction.





4.2.1 Perform Step 3.3.1 of IIN-D206-802-3.

4.2.2 Replace Steps 3.3.2 to 3.3.15 with the following:

- a) Using Figure 1 of this Service Instruction, locate D4108-11 Template on the edge of the door post closeout approximately 17.5" from the front of the seat. Match drill the Ø0.128" rivet holes (4 PL) on the door sill. Locate and drill thru template and door sill if the door sill is without existing holes.
- b) Transfer drill the Ø0.128" holes (4 PL) from D4108-11 Template to the D4108-047 Sill Bracket Assembly.
- c) Deburr all drilled holes and clean area.
- d) Remove and retain the Ball Stud and hardware from the D4108-047 Sill Bracket Assembly.
- e) Install D4108-047 Sill Bracket Assembly by applying a thin layer of Proseal 890 and wet installing the CR3523-4-4 Rivets (4 PL) as shown in Figure 1 of this Service Instruction.
- f) Remove excess Proseal, grind rivet stems flush and clean area of any debris.
- g) Re-install the Ball Stud and hardware removed at Step "d)" of this instruction.
- h) Re-position the carpet and interior trim panel. Trim/cut as required for the ball stud and to allow the D4108-047 Sill Bracket Assembly to protrude.
- i) Re-install the scuff plate.
- j) Install rod end of D3552-17 Door Prop onto the Ball Stud mounted on D4108-047 Sill Bracket Assembly.

4.2.3 Complete installation of D206-802-032 by following Steps 3.3.16 to 3.3.29 of Installation Instructions IIN-D206-802-3.

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01	
APPROVED	
BY:	
	D. SHEPHERD (DE # 02)
DATE:	11.10.21
CERT. NO.:	SH10-44
ISSUE NO.:	1

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9579	SHEET 2 OF 3
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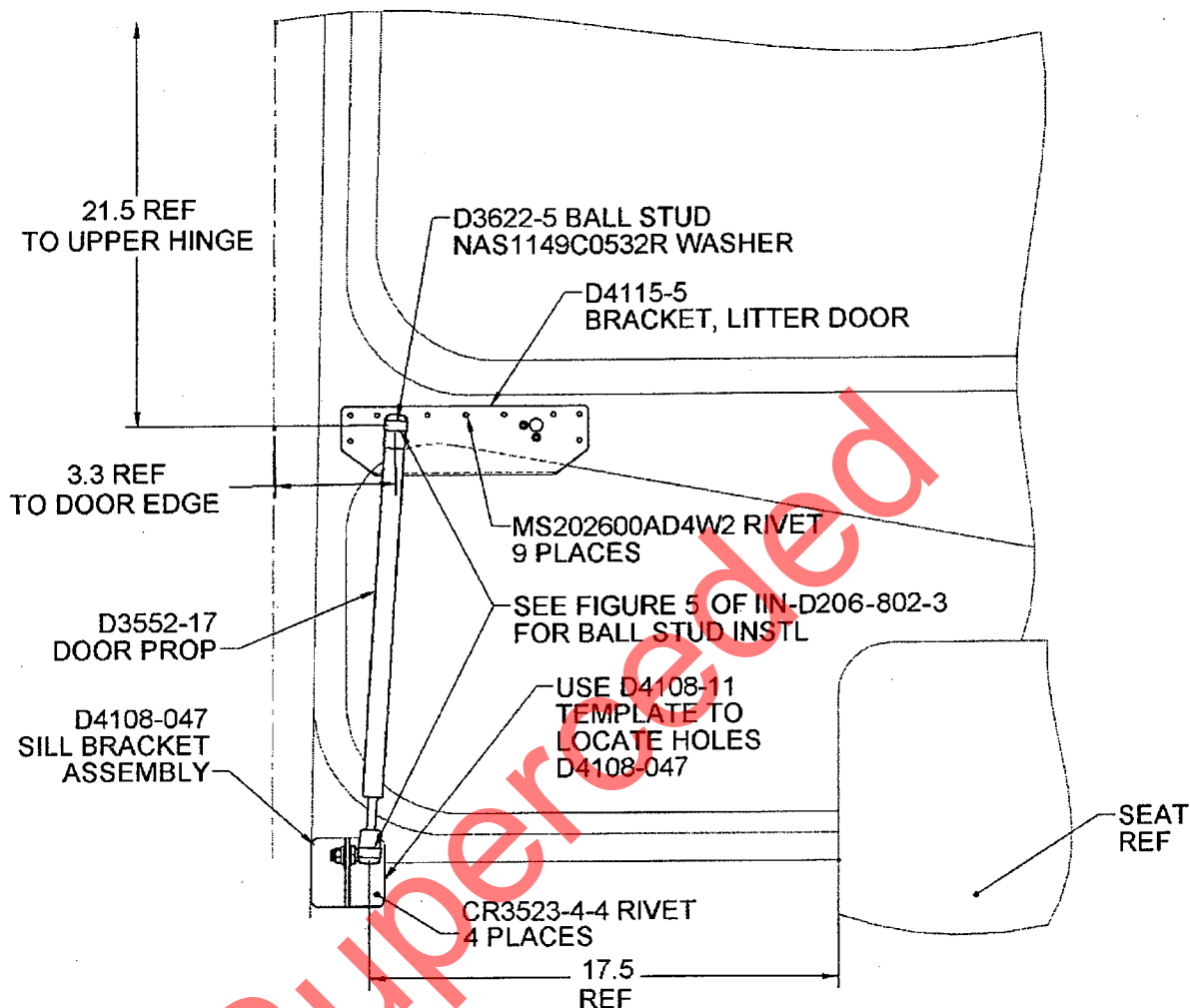


FIGURE 1: INSTALLATION OF D206-802-032 ON COMPOSITE AIRFRAME

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DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

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BY: *[Signature]*
D. SHEPHERD (DE # 02)

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